

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,027,227 B2
APPLICATION NO. : 10/761293
DATED : April 11, 2006
INVENTOR(S) : Keiko Chiba et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SHEET 1:

Figure 1, "DETERMINDED" should read --DETERMINED--.

COLUMN 2:

Line 36, "element lens" should read --element lenses--; and
Line 64, "resin," should read --resin's--.

COLUMN 4:

Line 29, "above claims" should read --above. Claims--;
Line 45, "FIG. 2 is a schematic sectional view" should read --FIGS. 2A, 2B, 2C
and 2D are schematic sectional views--;
Line 47, "FIG. 3 is a schematic sectional view" should read --FIGS. 3A, 3B and
3C are schematic sectional views--;
Line 49, "FIG. 4 is a schematic sectional view" should read --FIGS. 4A,
4B, 4C, 4D, 4E and 4F are schematic sectional views--;
Line 51, "FIG. 5 is a schematic sectional view" should read --FIGS. 5A, 5B and
5C are schematic sectional views--; and
Line 56, "FIG. 8 is a schematic sectional view" should read --FIGS. 8A and 8B
are schematic sectional views--.

COLUMN 5:

Line 40, "a is the NA" should read -- α is the NA--;
Line 49, "below" should read --below defines--; and
Line 66, "small a" should read --small σ --.

COLUMN 7:

Line 20, "FIG. 2 is a schematic sectional view" should read --FIGS. 2A, 2B, 2C
and 2D are schematic sectional views; and
Line 55, "FIG 3 is a schematic sectional view" should read --FIGS. 3A, 3B and
3C are schematic sectional views--.

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COLUMN 8:

Line 3, "FIG. 4 is a schematic sectional view" should read --FIGS. 4A, 4B, 4C, 4D, 4E and 4F are schematic sectional views--;
Line 29, "substrate 30;" should read --substrate 30--;
Line 43, "FIG. 5 is a schematic sectional view" should read --FIGS. 5A, 5B, and 5C are schematic sectional views--; and
Line 48, "(Clariant Co." should read --(Clariant Co.,--.

COLUMN 9:

Line 42, "FIG. 8 is a schematic sectional view" should read --FIGS. 8A and 8B are schematic sectional views--;
Line 46, "FIG. 8," should read --FIGS. 8A and 8B,--; and
Line 53, "specific" should read --a specific--.

COLUMN 10:

Line 6, "FIG. 8." should read --FIGS. 8A and 8B.--;
Line 8, "FIG. 8." should read --FIGS. 8A and 8B.--;
Line 9, "mass production." should read --mass-production.--; and
Line 64, "expose" should read --exposure--.

COLUMN 11:

Line 6, "512 Thus," should read --512. Thus,--.

COLUMN 12:

Line 18, "5141" should read --514/--;
Line 32, "of the instant" should read --is--; and
Line 55, "a mask" should read --mask--.

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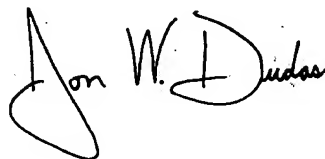
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 13:

Line 36, "17, (development)" should read --17 (development),--.

Signed and Sealed this

Twenty-fourth Day of October, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, sweeping initial "J" and a distinct "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office